**MEETING MINUTES – 1/31/2010**

Team: AutoBev

Leader: Lorena Garcia

Minutes: Mark Pomerenke

Present: Alex Macomber, Liz Clark

1. Resolved issues with wiki: Just needed to edit the home page to display subsequent pages
2. Card Scanner ordered, and should arrive this week.
   1. Action Item: Someone will need to pick it up when it arrives before next meeting
3. Beverage Dispensing and Sensing Subsystem
   1. Action Item: Lori and Liz will see to it that subsystem is completed by Feb 7 which entails wiring in flow sensor into system instead of using board interrupt
4. GUI and classes: discussed need for a detailed description of GUI, i.e. user options, system requirements, capabilities in the low level design document to be completed by Feb 14.
5. Communication between cpu and microcontroller will be a serial interface. Group will need to learn how to use visual C# to create usable messages:
   1. Will need to decide what type of information, format of messages, and develop a communication protocol.
6. Discussion of Touch Screen
   1. Touch Screens are expensive, we could use substitutes like touch screen films or push buttons to decrease system costs.
   2. Push buttons may be a good solution since the user has a limited number of options anyway-not as attractive aesthetically
7. Board Design: Mosfet choice for solenoid driving circuit
   1. Action Item: Mark will need to determine current requirements and spec out a desirable FET for the system, possibly ND5355, would likely want surface mount port.
8. Concluded meeting with plan to work on first subsystem, learn about card scanner, and meet again next week on Monday 2/7/11